

---

## TRANSGENIC ANIMAL MODEL FOR NEURODEGENERATIVE DISEASES

### Abstract

① The present application refers to a mouse parkin2 DNA and protein sequences, containing mutations or deletions causing Parkinson's disease in human if occurring in the according human sequence, the construction of a transgenic non-human animal containing such a mutated DNA sequence and therefore expressing no or a less active or a non-active parkin protein as well as the use of this transgenic animal as a model for neurodegenerative diseases.

---